Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

ame of Work:Construction of RCC Drains in vishveshwaraiah road and other roads in Vard No.13 Shettyhalli Sub Division.

					Est .Cost Rs.18.00 Lakhs				
Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
	vishveshwarayya road from pipe line to cambridge school right R/s	Cum	1	122.00	1.00	1.00	122.00		
	10th cross from vishveshwarayya road to dead end		2	65.00	1.00	1.00	130.00		
							252.00	**175.96**	**44341.92**
2	Removing B S Slab Drain And Stacking Page No25 Item No 5.32 PWD SR 2016-17								
	vishveshwarayya road from pipe line to cambridge school right R/s	Sqm	1	122.00	1.35		164.70		
	10th cross from vishveshwarayya road to dead end		2	65.00	1.35		175.50		
	vishveshwarayya road from pipe line to cambridge school right L/s		1	126.00	1.35		170.10		
							510.30	**65.72**	**33536.92**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
	vishveshwarayya road from pipe line to cambridge school right R/s	Cum	1	122.00	1.00	0.15	18.30		
	10th cross from vishveshwarayya road to dead end		2	65.00	1.00	0.15	19.50		
							37.80		
	From Using Available coarse aggregates								
a	**Available CA**			**38.27**			**45.03**	**4443.52**	**200076.02**
b	**Remaining Balance Qty**						**7.23**	**5159.02**	**37281.51**
4	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Page No.12/ Item No. 4.5/ PWD SR 2016-17								
	Drain Rafi Concrete	Cum	1	122.00	1.00	0.15	18.30		
			2	65.00	1.00	0.15	19.50		
	Side Wall		2	122.00	0.15	0.75	27.45		
			4	65.00	0.15	0.75	29.25		
	covering		1	126.00	1.20	0.15	22.68		
							117.18	**5874.52**	**688376.25**

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5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17								
		Sqm	4	122.00	0.90		439.20		
			8	65.00	0.90		468.00		
							907.20	310.58	281758.18
6	KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3. TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								
	For RCC Drian	Tonnes		117.18	x	55kgs	6.44		
						Say	6.44	64243.42	414042.42
7	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications								
	Damaged Slab	Sqm	16	0.60		0.90	8.64		
							8.64	1680.00	14515.20
						Sub Total			1713928.41
	Add 5% Tender premium								85696.42
									375.17
9	Rounding off					Grand Total			1800000.00
	(Rupees Eighteen Lakhs Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.
5 This work is not included in any other estimate.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/DD/AS/542/17-18 ದಿನಾಂಕ : 24.11.17
ರೂ. (Rs. 18.00 Lakhs) Rs. Eighteen Lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. EE/DD/TS/381/17-18 ದಿನಾಂಕ : 25-11-17
ರೂ. (Rs. 18.00 Lakhs) Rs. Eighteen Lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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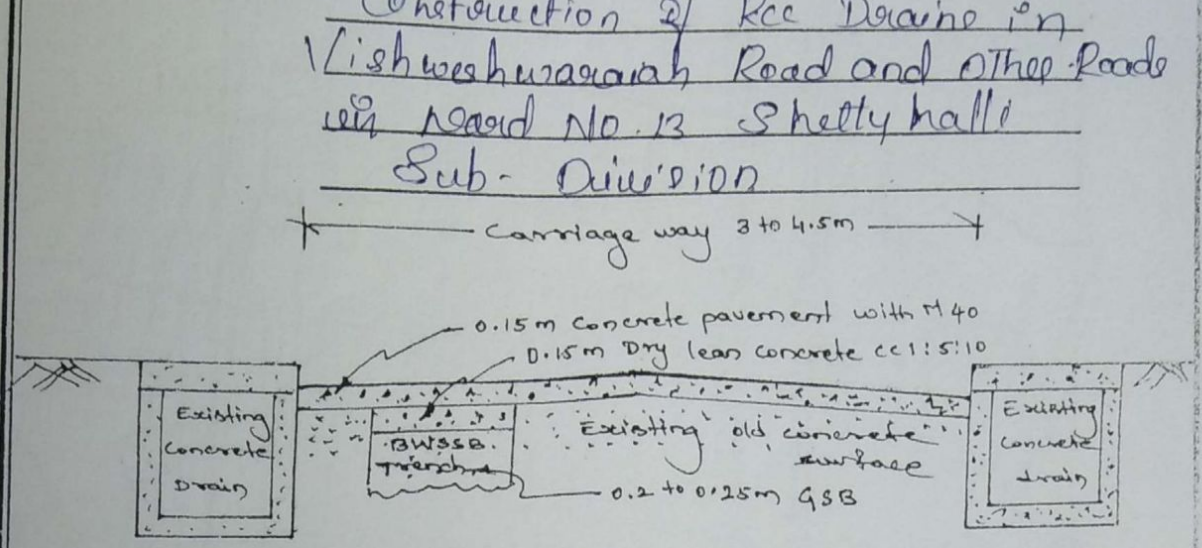
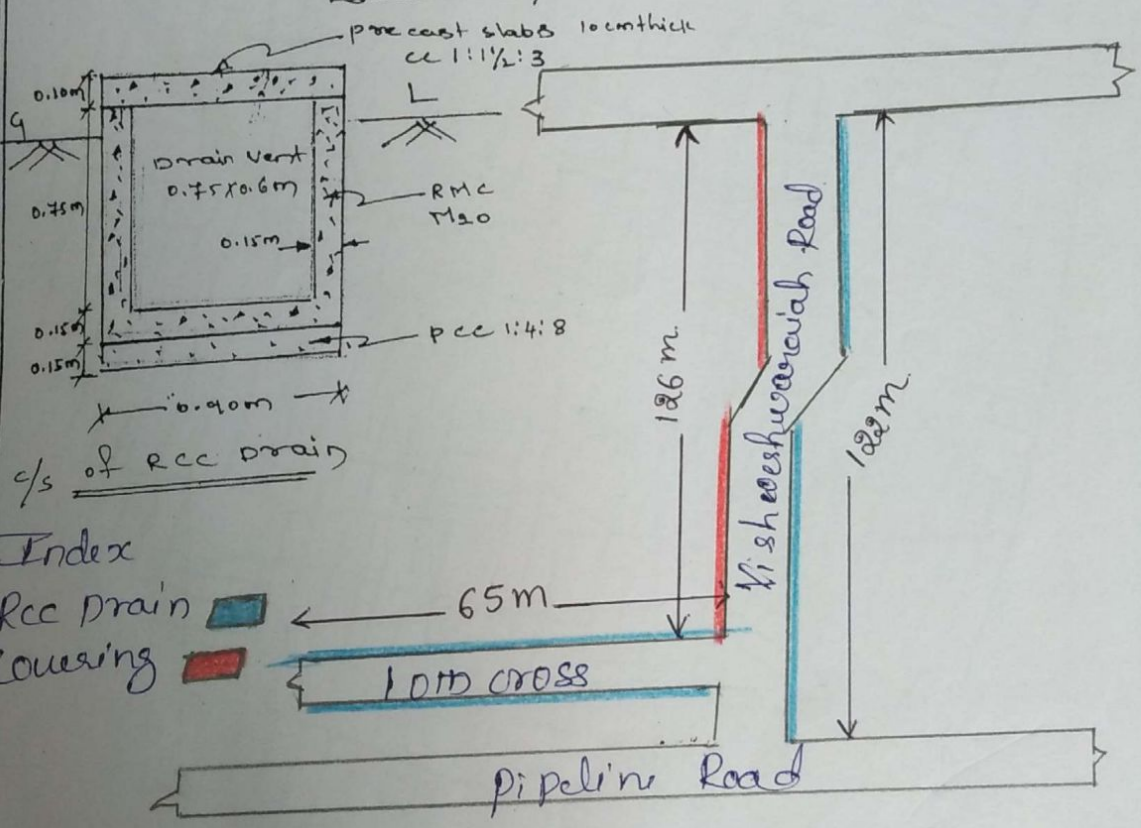
Name of Work: Construction of Rcc Drains in Vishweshwaraiah Road and Other Roads in Ward No. 13 Shettyhalli Sub-Division


carriage way 3 to 4.5m
0.15m concrete pavement with M40
0.15m Dry lean concrete cc 1:5:10
Existing concrete Drain
BWSSB Trench
Existing old concrete surface
0.2 to 0.25m GSB
Existing concrete drain

Typical c/s of cc Road Surface



c/s of RCC Drain

Index
Rcc Drain
Covering

Asst.Engineer
Ward No.13

Asst.Executive Engineer
Shettyhalli Sub Division, Dasarahalli Zone
BBMP Bangalore.

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